

State Water Resources Control Board

UST CASE CLOSURE REVIEW SUMMARY REPORT

Current Agency Information

Current Agency: State Water Resources Control Board (State Board)	Address: 1101 I Street Sacramento, CA 95814
Agency Caseworker: Matthew Cohen	Case No.: None

Former Agency Information

Former Agency: Los Angeles County Department of Public Works (County)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Agency Caseworker: John Awujo	Case No.: 015285-016431

Case Information

USTCF Claim No.: 19232	GeoTracker Global ID: T10000000157
Site Name: La Verne Car Wash	Site Address: 914 East Foothill Blvd. La Verne, CA 91750
Responsible Party: La Verne Car Wash, Inc. Attn: Greg Meier	Address: 914 East Foothill Blvd. La Verne, CA 91750
USTCF Expenditures to Date: \$33,060	Number of Years Case Open: 11

To view all public documents for this case available on GeoTracker use the following URL:
http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000000157

Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy. Highlights of the case follow:

This case is a car wash and active commercial petroleum fueling facility. An unauthorized release was reported in June 2003 following a disperser and product piping upgrade. No active remediation has been conducted and no groundwater monitoring wells have been installed. Soil impact was not found at 30 feet below ground surface (bgs) and groundwater was estimated to be 100 feet bgs (Envapps, 2008). This is a soil only case.

The petroleum release is limited to the soil. According to data available in GeoTracker, there are no public water supply wells or surface water bodies within 250 feet of the Site. No other water supply wells have been identified within 250 feet of the Site in files reviewed. The unauthorized release is located within the service area of a public water system, as defined in the Policy. Designated beneficial uses of the groundwater are not threatened, and it is highly unlikely that they will be, considering these factors in the context of the site setting. Any remaining petroleum hydrocarbon constituents do not pose a significant risk to human health, safety or the environment.

September 2014

Rationale for Closure under the Policy


- General Criteria: The case meets all eight Policy general criteria.
- Groundwater Specific Criteria: The case meets the Policy criteria. Soil impact was not found at 30 feet bgs and groundwater was estimated to be 100 feet bgs (Envapps, 2008). The groundwater is not impacted. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous liquids [LNAPL]) to cause groundwater to exceed the groundwater criteria in this Policy.
- Vapor Intrusion to Indoor Air: The case meets the Policy Exclusion for an Active Commercial Petroleum Fueling Facility. Soil vapor evaluation is not required because the Site is an active commercial petroleum fueling facility and the release characteristics do not pose an unacceptable health risk.
- Direct Contact and Outdoor Air Exposure: The case meets Policy Criterion 3a. Maximum concentrations in soil are less than those in Policy Table 1 for Commercial/Industrial use, and the concentration limits for a Utility Worker are not exceeded. There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2 percent benzene and 0.25 percent naphthalene. Therefore, benzene can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Policy Table 1. Therefore, the estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact by a factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

Determination

Based on the review performed in accordance with Health & Safety Code Section 25299.39.2 subdivision (a), the Fund Manager has determined that closure of the case is appropriate.

Recommendation for Closure

Based on available information, residual petroleum hydrocarbons at the Site do not pose a significant risk to human health, safety, or the environment, and the case meets the requirements of the Policy. Accordingly, the Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy.



Lisa Babcock, P.G. 3939, C.E.G. 1235
Fund Manager



Date

Prepared by: Kirk Larson, P.G.